

Figure 1

Amplitude Spectrum for Model 0914 with Foam in Test Box

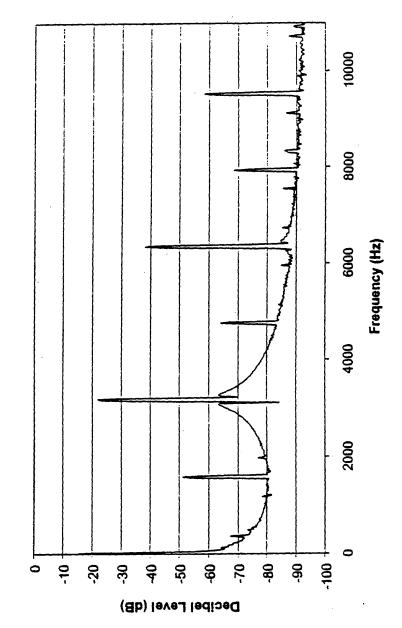


Figure 26

Amplitude Spectrum for Model 0914 without Foam in Test  $8 \circ x$ 

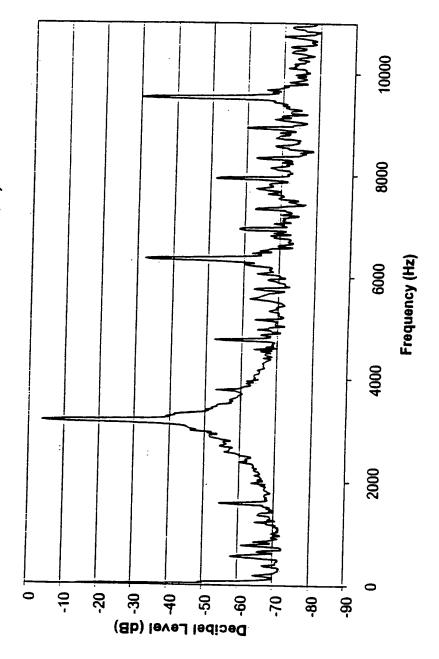


Figure 266)

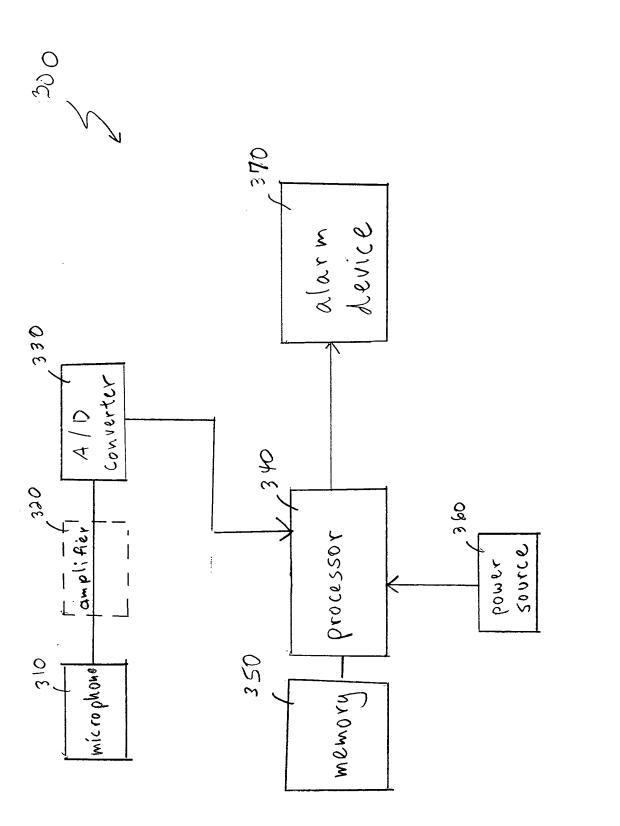
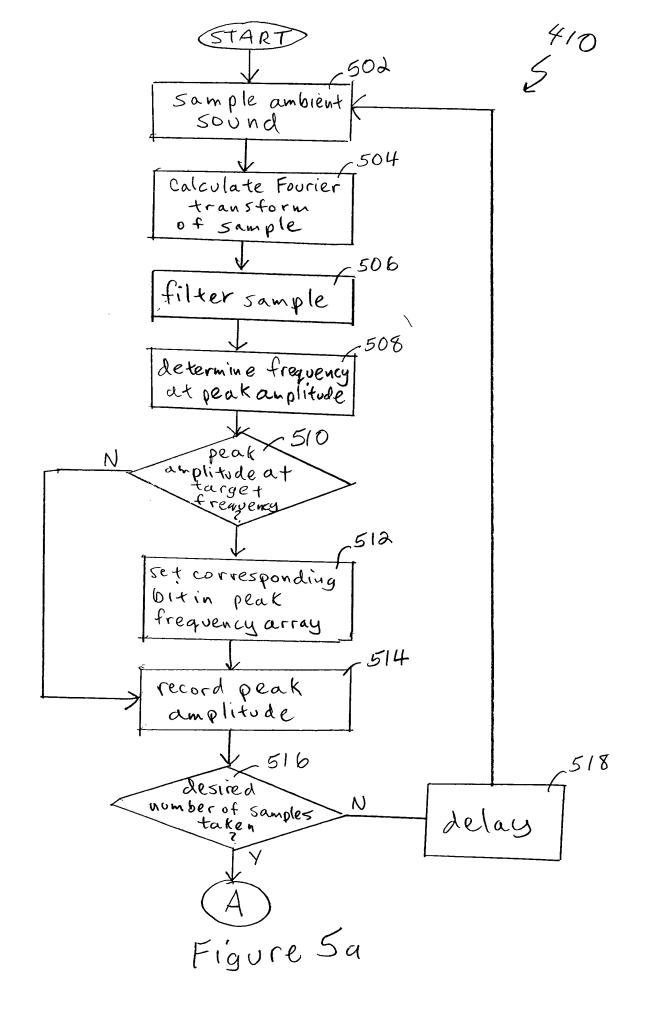


Figure 3

400 START 402 sumple ambiént sound .403 Calculate Fourier transform of sample filter determine frequency of peak amplitude -408 peak N amplitude at target frequency 410 Call acquisition subroutine 412 delay

Figure 4



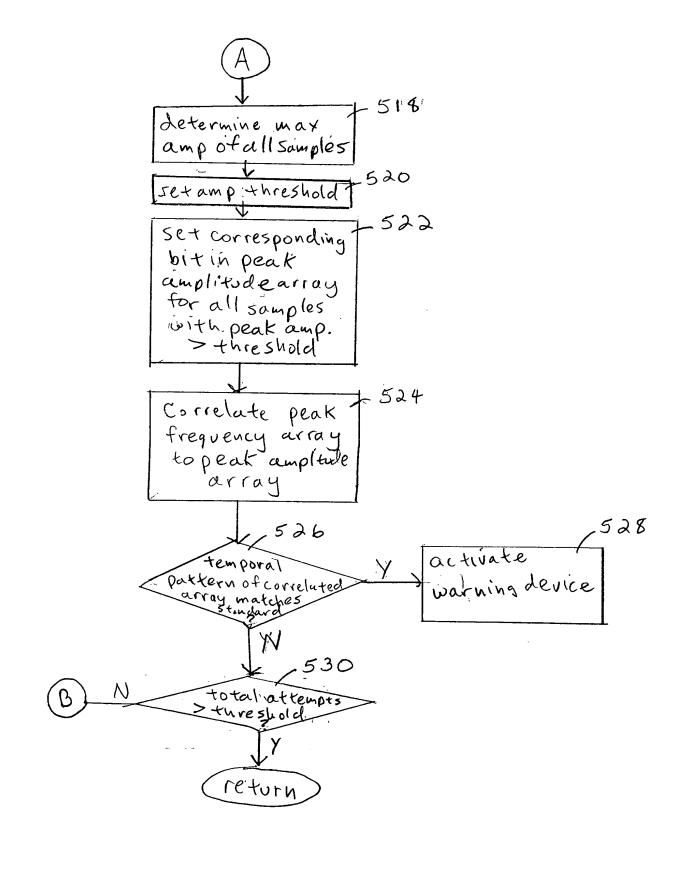


Figure 56

**Total Sample Period** 

Twelve 50 ms scans spaced by 0.5 sec Time (sec) 0.75 0.25 Signal Amplitude (Arbitrary Units)

Scan Pattern

Figure 7

Figure S